

Claims:

1. A method of transferring a data message between a first terminal device and a second terminal device via an intermediate terminal device, the method comprising:
  - entering a data message into the first terminal device;
  - transmitting the data message from the first terminal device to the intermediate terminal device;
  - formatting the data to be synchronized into at least one SMS (Short Message Service) message in the intermediate terminal device; and
  - transmitting the at least one SMS message from the intermediate terminal device to the second terminal device.
2. The method of claim 1, wherein formatting the data message comprises formatting the data in a SyncML format.
3. The method of claim 1, wherein the intermediate terminal device comprises a mobile terminal device.
4. The method of claim 3, wherein the at least one SMS message is transmitted via a mobile network including an SMS message center.
5. The method of claim 4, wherein the at least one SMS message is transmitted from the intermediate terminal device to the second terminal device via the mobile network and a gateway and the Internet.

6. The method of claim 1, wherein the at least one SMS message comprises a compressed SMS message.

7. The method of claim 6, wherein the compressed SMS message comprises a WBXML (Wireless Application Protocol Binary Extensible Markup Language) encoded message.

8. The method of claim 2, wherein the data formatted in a SyncML format comprises one of two MIME (Multipurpose Internet Mail Extensions) formats.

9. The method of claim 8, wherein the two MIME formats comprise vcal and vcard formats.

10. The method of claim 1, wherein the data message comprises one of a calendar, a to-do list, personal information, and contact information.

11. The method of claim 1, wherein the data message is transferred from the first terminal device to the intermediate terminal device via a short range communication link.

12. The method of claim 11, wherein the short range communication link comprises one of an IR (Infrared) or Bluetooth communication link.

13. A mobile terminal device comprising:
- a data message receiver to receive a data message from a first terminal device via a short range communication link;
  - a formatter to format the received data message into at least one SMS (Short Message Service) message; and
  - a transmitter to transmit the at least one SMS message to another terminal device.
14. The device of claim 13, wherein the formatter formats the data in a SyncML format.
15. The device of claim 13, wherein the at least one SMS message formatted by the formatter comprises a compressed SMS message.
16. The device of claim 15, wherein the compressed SMS message formatted by the formatter comprises a WBXML (Wireless Application Protocol Binary Extensible Markup Language) encoded message.
17. The device of claim 13, wherein the data formatted by the formatter in a SyncML format comprises one of two MIME (Multipurpose Internet Mail Extensions) formats.
18. The device of claim 17, wherein the two MIME formats formatted by the formatter comprise vcal and vcard.

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19. The device of claim 13, wherein the data comprises one of a calendar, a to-do list, personal information, and contact information.
20. The device of claim 13, wherein the data receiver receives data messages via one of an IR (Infrared) or Bluetooth communication link.
21. A program storage device, readable by machine, tangibly embodying a program of instructions executable by machine to perform a method of transferring a data message between a first terminal device and a second terminal device via an intermediate terminal device, the method comprising:
- entering a data message into the first terminal device;
  - transmitting the data message from the first terminal device to the intermediate terminal device;
  - formatting the data to be synchronized into at least one SMS (Short Message Service) message in the intermediate terminal device; and
  - transmitting the at least one SMS message from the intermediate terminal device to the second terminal device.
22. The device of claim 21, wherein formatting the data message comprises formatting the data in a SyncML format.
23. The device of claim 21, wherein the intermediate terminal device comprises a mobile terminal device.

24. The device of claim 23, wherein the at least one SMS message is transmitted via a mobile network including an SMS message center.
25. The device of claim 24, wherein the at least one SMS message is transmitted from the intermediate terminal device to the second terminal device via the mobile network and a gateway and the Internet.
26. The device of claim 21, wherein the at least one SMS message comprises a compressed SMS message.
27. The device of claim 26, wherein the compressed SMS message comprises a WBXML (Wireless Application Protocol Binary Extensible Markup Language) encoded message.
28. The device of claim 22, wherein the data formatted in a SyncML format comprises one of two MIME (Multipurpose Internet Mail Extensions) formats.
29. The device of claim 28, wherein the two MIME formats comprise vcal and vcard formats.
30. The device of claim 21, wherein the data message comprises one of a calendar, a to-do list, personal information, and contact information.

31. The device of claim 21, wherein the data message is transferred from the first terminal device to the intermediate terminal device via a short range communication link.

32. The device of claim 31, wherein the short range communication link comprises one of an IR (Infrared) or Bluetooth communication link.

33. A method of transferring data between a first terminal device and a second terminal device via an intermediate terminal device, the method comprising:

entering data into the first terminal device;

transmitting the data from the first terminal device to the intermediate terminal device;

formatting the data into at least one message in the intermediate terminal device;

transmitting the least one message from the intermediate terminal device to a message center; and

transmitting the at least one message from the message center to the second terminal device.

34. The method of claim 33, wherein formatting the data into at least one message comprises formatting the data into at least one SMS (Short Message Service) message.

35. The method of claim 34, wherein the message center comprises an SMS message center.

36. The method of claim 33, wherein the data is transmitted from the first terminal device to the intermediate terminal device via a short range communication link.

37. The method of claim 34, wherein the short range communication link comprises one of either an IR (Infrared) or Bluetooth communication link.

38. A program storage device, readable by machine, tangibly embodying a program of instructions executable by machine to perform a method of transferring data between first and second terminal devices via an intermediate terminal device, the method comprising:

entering data into the first terminal device;

transmitting the data from the first terminal device to the intermediate terminal device;

formatting the data into at least one message in the intermediate terminal device;

transmitting the least one message from the intermediate terminal device to a message center; and

transmitting the at least one message from the message center to the second terminal device.

39. The device of claim 38, wherein formatting the data into at least one message comprises formatting the data into at least one SMS (Short Message Service) message.

40. The device of claim 38, wherein the message center comprises an SMS message center.

41. The device of claim 38, wherein the data is transmitted from the first terminal device to the intermediate terminal device via a short range communication link.

42. The device of claim 39, wherein the short range communication link comprises one of either an IR (Infrared) or Bluetooth communication link.

43. The method of claim 1, further comprising transmitting at least one other SMS message from the second terminal device to the first terminal device via the intermediate terminal device.

44. The device of claim 13, further comprising a receiver to receive at least one other SMS message from the another terminal device and a data message transmitter to transmit the at least one other SMS message to the first terminal device.

45. The device of claim 21, further comprising transmitting at least one other SMS message from the second terminal device to the first terminal device via the intermediate terminal device.

46. The method of claim 33, further comprising transmitting other data from the second terminal device to the first terminal device via the intermediate terminal device.

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47. The device of claim 38, further comprising transmitting other data from the second terminal device to the first terminal device via the intermediate terminal device.